

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/040202 A2**

- (51) International Patent Classification<sup>7</sup>: **C07K 7/50**, A61K 38/12, C07K 16/00, C07C 237/06
- (21) International Application Number:  
PCT/EP2004/011719
- (22) International Filing Date: 18 October 2004 (18.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03023395.1 16 October 2003 (16.10.2003) EP
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: STABILIZED PEPTIDES

(57) Abstract: The present invention therefore presents modules from which helical constraints can be built by very flexible strategies. The peptide bonds involved partially compensate the hydrophobic nature of the disulfide bonds, which are also included into the constraint strategy. Thus, the invention presents solutions, by means of which peptide bonds or closure of disulfide bridges can be used alternatively for closure of the constraint. This offers greater synthetic flexibility. Moreover, the peptide bonds are more hydrophilic than disulfide bridges alone and offer the advantage of better solubility of the product in an aqueous surrounding. It is possible to attach solvation tags like glycosyl moieties, polyethylenglycol or other suitable extensions or appendices to the helical constraint structure. Usually, such a hydrophilic helical constraint structure replaces two hydrophobic amino acid side chains and thus improves pharmacologic properties of the molecule.



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